

**Supplementary Figure 2.** Comparison of the circular *PSEN1* normalized counts for the three main *circPSEN1* species S1 - hsa\_circ\_0008521 (Panel A in discovery, Panel B in replication), S2- hsa\_circ\_0003848 (Panel C in discovery, Panel D in replication), and S5 - hsa\_circ\_0002564 (Panel E in discovery, Panel F in replication) for Controls (grey), AD (Alzheimer's disease - ochre) and ADAD (autosomal dominant Alzheimer's disease - blue)

